



BRUHAT BANGALORE MAHANAGARA PALIKE

Estimate for Restoration and Improvements of balance roads of Ambhabhavani layout, Ambhabhavani Ngara, SLN Enclave and Kere Anjeenappa Layout, Sainagar Phase -2, Anugraha Layout and Avikya Layout and Surrounding Areas in Ward no 03 of Yelahanka New town sub division Package - 03. (Number of Works - 02)

1. Restoration and Improvements of balance roads of Ambhabhavani layout, Ambhabhavani Ngara, SLN Enclave and Kere Anjeenappa Layout and Surrounding Areas in Ward no 03 of Yelahanka Satellite town sub division
2. Restoration and Improvements of balance roads of Sainagar Phase -2, Anugraha Layout and Avikya Layout Surrounding Areas in Ward no 03 of Yelahanka Satellite town sub division

COMBINED ESTIMATE

Sl No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Est Cost: = 1000.00 Lakhs		
								Unit	Rate	Amount
1	Removing and resetting of footpath slab (P.No 265, I No 37.56 of PW, P&I WTD SR 2016-17)									
	Basic rate	197.00								
	6% AW	11.82								
	Sub Total	208.82								
		Sq-m								
	Ambhabhavani Layout									
	11th A Cross Road		2	65.00	0.90	--	117.00			
	12th A Cross Road		2	65.00	0.90	--	117.00			
	13th A Cross Road		2	65.00	0.90	--	117.00			
	Main Road		2	155.00	0.90	--	279.00			
	Damaged slabs/missing 20%						-126.00			
	SLN Enclave									
	14th Cross Road		2	35.00	0.90	--	63.00			
	15th Cross Road		2	35.00	0.90	--	63.00			
	Damaged slabs/missing 10%						-18.90			
							611.10	Sq-m	208.82	127,609.90
2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (P.No-143 & 136, I No-19.1 & 17.4 & 17.1) 10km lead = $57 + 2.0 \times 1.28 \times 5 = 69.80$									
	Basic rate	130.00								
	8Km lead & Lift = $57 + (2 \times 1.28 \times 8)$	77.48								
	Sub Total	207.48								
	6% AW	7.80								
	Total	215.28								
		Cu-m								
	SLN Enclave Desilt									
	14th Cross Road		2	35.00	0.60	0.40	16.80			
	15th Cross Road		2	35.00	0.60	0.40	16.80			
	New RCC Drain									
	Ambhabhavani Layout									
	1st Cross Rd		2	30.00	1.10	1.00	66.00			
	2nd Cross Rd		2	25.00	1.10	1.00	55.00			
	3rd Cross Rd		2	29.70	1.10	1.00	65.34			
	4th Cross Rd		2	41.70	1.10	1.00	91.74			
	5th Cross Rd		2	40.80	1.10	1.00	89.76			
	Cross Rd-1		2	19.00	1.10	1.00	41.80			
	Cross Rd-2		2	30.40	1.10	1.00	66.88			
	Cross Rd-3		2	42.40	1.10	1.00	93.28			
	Cross Rd-4		2	67.20	1.10	1.00	147.84			
	Cross Rd-5		2	37.00	1.10	1.00	81.40			
	6th Cross Rd		2	103.10	1.10	1.00	226.82			

SI No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	12th Cross Rd		2	67.00	1.10	1.00	147.40			
	13th Cross Rd		2	66.00	1.10	1.00	145.20			
	14th Cross Rd		2	65.00	1.10	1.00	143.00			
	12th A Cross Rd		2	14.00	1.10	1.00	30.80			
	13th A Cross Rd		2	15.50	1.10	1.00	34.10			
	14th A Cross Rd		2	11.50	1.10	1.00	25.30			
	Ambabhavani Main Rd		2	108.50	1.10	1.00	238.70			
	Sai Nagara 3rd Phase									
	4th Cross Rd		2	91.50	1.10	1.00	201.30			
	Avaikya Layout									
	Cross Rd-1		2	148.00	1.10	1.00	325.60			
	Cross Rd-2		2	173.30	1.10	1.00	381.26			
	Cross Rd-3		2	153.00	1.10	1.00	336.60			
	Cross Rd-4		2	42.40	1.10	1.00	93.28			
	Cross Rd-5		2	99.00	1.10	1.00	217.80			
	Cross Rd-6		2	37.50	1.10	1.00	82.50			
	Cross Rd-7		2	31.00	1.10	1.00	68.20			
	Cross Rd-8		2	41.00	1.10	1.00	90.20			
	Cross Rd-9		2	31.50	1.10	1.00	69.30			
	Cross Rd-10		2	252.50	1.10	1.00	555.50			
	Cross Rd-11		2	121.10	1.10	1.00	266.42			
	Cross Rd-12		2	124.00	1.10	1.00	272.80			
	Cross Rd-13		2	124.40	1.10	1.00	273.68			
	Sai Nagara 2nd Phase									
	10th Cross Rd		2	117.40	1.10	1.00	258.28			
	11th Cross Rd		2	118.10	1.10	1.00	259.82			
	9th Cross Rd		2	105.20	1.10	1.00	231.44			
	6th Cross Rd		2	110.30	1.10	1.10	266.93			
	1st Cross Rd		2	29.50	1.10	0.90	58.41			
	2nd Cross Rd		2	66.00	1.10	1.00	145.20			
	3rd Cross Rd		1	38.00	1.10	0.95	39.71			
	Main Rd		1	52.60	1.10	1.00	57.86			
	New Culvert									
			28	7.00	1.50	1.00	294.00			
							6,671.91	Cum	215.28	1,436,328.78
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No-13,1 No-4.3 of PWD BCSR 2018-19)									
	Basic rate	5,102.00								
	3 6*55.47	199.69								
	Sub Total	5,301.69								
	6% AW	318.10								
	Total	5,619.79								
		Cu-m								
	New RCC Drain									
	Ambabhavani Layout									
	1st Cross Rd		2	30.00	1.10	0.15	9.90			
	2nd Cross Rd		2	25.00	1.10	0.15	8.25			
	3rd Cross Rd		2	29.70	1.10	0.15	9.80			
	4th Cross Rd		2	41.70	1.10	0.15	13.76			
	5th Cross Rd		2	40.80	1.10	0.15	13.46			
	Cross Rd-1		2	19.00	1.10	0.15	6.27			
	Cross Rd-2		2	30.40	1.10	0.15	10.03			

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SI No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	1st Cross Rd		2	30.00	0.90	0.15	8.10			
	2nd Cross Rd		2	25.00	0.90	0.15	6.75			
	3rd Cross Rd		2	29.70	0.90	0.15	8.02			
	4th Cross Rd		2	41.70	0.90	0.15	11.26			
	5th Cross Rd		2	40.80	0.90	0.15	11.02			
	Cross Rd-1		2	19.00	0.90	0.15	5.13			
	Cross Rd-2		2	30.40	0.90	0.15	8.21			
	Cross Rd-3		2	42.40	0.90	0.15	11.45			
	Cross Rd-4		2	67.20	0.90	0.15	18.14			
	Cross Rd-5		2	37.00	0.90	0.15	9.99			
	6th Cross Rd		2	103.10	0.90	0.15	27.84			
	12th Cross Rd		2	67.00	0.90	0.15	18.09			
	13th Cross Rd		2	66.00	0.90	0.15	17.82			
	14th Cross Rd		2	65.00	0.90	0.15	17.55			
	12th A Cross Rd		2	14.00	0.90	0.15	3.78			
	13th A Cross Rd		2	15.50	0.90	0.15	4.19			
	14th A Cross Rd		2	11.50	0.90	0.15	3.11			
	Ambabhavani Main Rd		2	108.50	0.90	0.15	29.30			
	Sai Nagara 3rd Phase									
	4th Cross Rd		2	91.50	0.90	0.15	24.71			
	Avaikya Layout									
	Cross Rd-1		2	148.00	0.90	0.15	39.96			
	Cross Rd-2		2	173.30	0.90	0.15	46.79			
	Cross Rd-3		2	153.00	0.90	0.15	41.31			
	Cross Rd-4		2	42.40	0.90	0.15	11.45			
	Cross Rd-5		2	99.00	0.90	0.15	26.73			
	Cross Rd-6		2	37.50	0.90	0.15	10.13			
	Cross Rd-7		2	31.00	0.90	0.15	8.37			
	Cross Rd-8		2	41.00	0.90	0.15	11.07			
	Cross Rd-9		2	31.50	0.90	0.15	8.51			
	Cross Rd-10		2	252.50	0.90	0.15	68.18			
	Cross Rd-11		2	121.10	0.90	0.15	32.70			
	Cross Rd-12		2	124.00	0.90	0.15	33.48			
	Cross Rd-13		2	124.40	0.90	0.15	33.59			
	Sai Nagara 2nd Phase									
	10th Cross Rd		2	117.40	0.90	0.15	31.70			
	11th Cross Rd		2	118.10	0.90	0.15	31.89			
	9th Cross Rd		2	105.20	0.90	0.15	28.40			
	6th Cross Rd		2	110.30	0.90	0.15	29.78			
	1st Cross Rd		2	29.50	0.90	0.15	7.97			
	2nd Cross Rd		2	66.00	0.90	0.15	17.82			
	3rd Cross Rd		1	38.00	0.90	0.15	5.13			
	Main Rd		1	52.60	0.90	0.15	7.10			
	Wall									
	Ambabhavani Layout									
	1st Cross Rd		4	30.00	0.15	0.60	10.80			
	2nd Cross Rd		4	25.00	0.15	0.60	9.00			
	3rd Cross Rd		4	29.70	0.15	0.60	10.69			
	4th Cross Rd		4	41.70	0.15	0.60	15.01			
	5th Cross Rd		4	40.80	0.15	0.60	14.69			
	Cross Rd-1		4	19.00	0.15	0.60	6.84			
	Cross Rd-2		4	30.40	0.15	0.60	10.94			
	Cross Rd-3		4	42.40	0.15	0.60	15.26			
	Cross Rd-4		4	67.20	0.15	0.60	24.19			
	Cross Rd-5		4	37.00	0.15	0.60	13.32			
	6th Cross Rd		4	103.10	0.15	0.60	37.12			
	12th Cross Rd		4	67.00	0.15	0.60	24.12			
	13th Cross Rd		4	66.00	0.15	0.60	23.76			

Sl No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	14th Cross Rd		4	65.00	0.15	0.60	23.40			
	12th A Cross Rd		4	14.00	0.15	0.60	5.04			
	13th A Cross Rd		4	15.50	0.15	0.60	5.58			
	14th A Cross Rd		4	11.50	0.15	0.60	4.14			
	Ambabhavani Main Rd		4	108.50	0.15	0.60	39.06			
	Sai Nagara 3rd Phase									
	4th Cross Rd		4	91.50	0.15	0.60	32.94			
	Avaikya Layout									
	Cross Rd-1		4	148.00	0.15	0.60	53.28			
	Cross Rd-2		4	173.30	0.15	0.60	62.39			
	Cross Rd-3		4	153.00	0.15	0.60	55.08			
	Cross Rd-4		4	42.40	0.15	0.60	15.26			
	Cross Rd-5		4	99.00	0.15	0.60	35.64			
	Cross Rd-6		4	37.50	0.15	0.60	13.50			
	Cross Rd-7		4	31.00	0.15	0.60	11.16			
	Cross Rd-8		4	41.00	0.15	0.60	14.76			
	Cross Rd-9		4	31.50	0.15	0.60	11.34			
	Cross Rd-10		4	252.50	0.15	0.60	90.90			
	Cross Rd-11		4	121.10	0.15	0.60	43.60			
	Cross Rd-12		4	124.00	0.15	0.60	44.64			
	Cross Rd-13		4	124.40	0.15	0.60	44.78			
	Sai Nagara 2nd Phase									
	10th Cross Rd		4	117.40	0.15	0.60	42.26			
	11th Cross Rd		4	118.10	0.15	0.60	42.52			
	9th Cross Rd		4	105.20	0.15	0.60	37.87			
	6th Cross Rd		4	110.30	0.15	0.70	46.33			
	1st Cross Rd		4	29.50	0.15	0.70	12.39			
	2nd Cross Rd		4	66.00	0.15	0.60	23.76			
	3rd Cross Rd		2	38.00	0.15	0.60	6.84			
	Main Rd		2	52.60	0.15	0.60	9.47			
	New Culvert									
	Raft		28	7.00	1.20	0.20	47.04			
	New Culvert									
	Wall		56	7.00	0.23	0.60	54.10			
							1,920.21	Cum	7422.99	14,253,660.98
5	KSRB 4 9 2 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications Specification No. KBS 4 46.2 (P.No.18, I.No.4.46.2 of PW, P&I WTD SR 2018-19)									
	Basic rate	75,610.00								
	6% AW	4536.60								
	Sub Total	80146.60								
		Tonne								
	Consider 60kg/Cum for drain		1	1841.81	60.00		110.51			
	Consider 80kg/Cum for Culvert		1	60.20	80.00		4.82			
							115.32	Tn	80146.60	9,242,850.54
6	Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc complete. As per Engineer incharge. (Data Rate)									
	Data Rate	1922.00								

SI No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
		Sq-m								
	New RCC Drain									
	Ambabhabhani Layout									
	1st Cross Rd		2	30.00	0.90		54.00			
	2nd Cross Rd		2	25.00	0.90		45.00			
	3rd Cross Rd		2	29.70	0.90		53.46			
	4th Cross Rd		2	41.70	0.90		75.06			
	5th Cross Rd		2	40.80	0.90		73.44			
	Cross Rd-1		2	19.00	0.90		34.20			
	Cross Rd-2		2	30.40	0.90		54.72			
	Cross Rd-3		2	42.40	0.90		76.32			
	Cross Rd-4		2	67.20	0.90		120.96			
	Cross Rd-5		2	37.00	0.90		66.60			
	6th Cross Rd		2	103.10	0.90		185.58			
	12th Cross Rd		2	67.00	0.90		120.60			
	13th Cross Rd		2	66.00	0.90		118.80			
	14th Cross Rd		2	65.00	0.90		117.00			
	12th A Cross Rd		2	14.00	0.90		25.20			
	13th A Cross Rd		2	15.50	0.90		27.90			
	14th A Cross Rd		2	11.50	0.90		20.70			
	Ambabhabhani Main Rd		2	108.50	0.90		195.30			
	Sai Nagara 3rd Phase									
	4th Cross Rd		2	91.50	0.90		164.70			
	Avaikya Layout									
	Cross Rd-1		2	148.00	0.90		266.40			
	Cross Rd-2		2	173.30	0.90		311.94			
	Cross Rd-3		2	153.00	0.90		275.40			
	Cross Rd-4		2	42.40	0.90		76.32			
	Cross Rd-5		2	99.00	0.90		178.20			
	Cross Rd-6		2	37.50	0.90		67.50			
	Cross Rd-7		2	31.00	0.90		55.80			
	Cross Rd-8		2	41.00	0.90		73.80			
	Cross Rd-9		2	31.50	0.90		56.70			
	Cross Rd-10		2	252.50	0.90		454.50			
	Cross Rd-11		2	121.10	0.90		217.98			
	Cross Rd-12		2	124.00	0.90		223.20			
	Cross Rd-13		2	124.40	0.90		223.92			
	Missing/ Damaged slabs									
			1	315.00	0.90		283.50			
			1	250.00	0.75		187.50			
	Sai Nagara 2nd Phase									
	10th Cross Rd		2	117.40	0.90		211.32			
	11th Cross Rd		2	118.10	0.90		212.58			
	9th Cross Rd		2	105.20	0.90		189.36			
	6th Cross Rd		2	110.30	0.90		198.54			
	1st Cross Rd		2	29.50	0.90		53.10			
	2nd Cross Rd		2	66.00	0.90		118.80			
	3rd Cross Rd		1	38.00	0.90		34.20			
	Main Rd		1	52.60	0.90		47.34			
	Shoulder Drain									
	High Tension Wire Road From Yelahanka Main Road to Hesaragatta Main Road		134	1.50	0.60		120.60			
							5,768.10	Sqm	1922.00	11,086,288.20

SI No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
7	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc. complete and as per drawing and the directions of Engineer in-charge. (Data Rate)									
	Data rate	4486.00								
		Sq-m								
	New Culvert									
			28	7.00	1.20		235.20			
							235.20	Sqm	4486.00	1,055,107.20
	Footpath Works									
8	KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 (P.No155 of I No.20 20 in PW,P&I WTD SR 2018-19)									
	Basic rate	209.00								
	6% AW	12.54								
	Sub Total	221.54								
		Cum								
	Footpath Work									
	Duo Marvel									
	5th Cross Rd		2	85.00	1.40	0.20	47.60			
	6th Cross Rd		2	64.00	1.40	0.20	35.84			
	7th Cross Rd		2	62.40	1.40	0.20	34.94			
	8th Cross Rd		2	70.30	1.40	0.20	39.37			
	9th Cross Rd		2	48.20	1.40	0.20	26.99			
	10th Cross Rd		2	56.50	1.40	0.20	31.64			
	11th Cross Rd		2	59.70	1.40	0.20	33.43			
	12th Cross Rd		2	48.20	1.40	0.20	26.99			
	13th Cross Rd		2	83.40	1.40	0.20	46.70			
	5th Main Rd		2	126.60	1.40	0.20	70.90			
	4th Main Rd		2	39.50	1.40	0.20	22.12			
	3rd Main Rd		1	39.00	1.40	0.20	10.92			
	Main Rd(Double Rd)		2	253.30	1.40	0.20	141.85			
	1st A Cross Rd		2	76.70	1.40	0.20	42.95			
	1st Cross Rd		2	108.00	1.40	0.20	60.48			
	2nd Cross Rd		2	82.30	1.40	0.20	46.09			
	2nd Main Rd		2	79.40	1.40	0.20	44.46			
	Deduction of Trees		-77	1.20	1.40	0.20	-25.87			
	Deduction of Shoulder Drain		-66	0.60	1.40	0.20	-11.09			
							726.34	Cum	221.54	160,913.36
9	KSRRB 14.6-1: Providing & laying heavy duty cobble stones 60mm thick interlock pavers, using cement & coarse sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (Avg thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No 103 of I.No.14.6 in PW,P&I WTD SR 2018-19) 60mm Thick									
	Basic rate	1053.00								
	6% AW	63.18								
	Sub Total	1116.18								
	Footpath Work									
	Duo Marvel									
	5th Cross Rd		2	85.00	1.40		238.00			
	6th Cross Rd		2	64.00	1.40		179.20			
	7th Cross Rd		2	62.40	1.40		174.72			
	8th Cross Rd		2	70.30	1.40		196.84			
	9th Cross Rd		2	48.20	1.40		134.96			
	10th Cross Rd		2	56.50	1.40		158.20			
	11th Cross Rd		2	59.70	1.40		167.16			
	12th Cross Rd		2	48.20	1.40		134.96			
	13th Cross Rd		2	83.40	1.40		233.52			
	5th Main Rd		2	126.60	1.40		354.48			

SI No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	4th Main Rd		2	39.50	1.40		110.60			
	3rd Main Rd		1	39.00	1.40		54.60			
	Main Rd(Double Rd)		2	253.30	1.40		709.24			
	1st A Cross Rd		2	76.70	1.40		214.76			
	1st Cross Rd		2	108.00	1.40		302.40			
	2nd Cross Rd		2	82.30	1.40		230.44			
	2nd Main Rd		2	79.40	1.40		222.32			
	Deduction of Trees		-77	1.20	1.40		-129.36			
	Deduction of Shoulder Drain		-66	0.60	1.40		-55.44			
							3,631.70	Sq-m	1116.18	4,053,630.91
10	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC 240kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2(P No 13, I No 4.6 of PW, P&IWD SR 2018-19)									
	Basic rate		5,422.00							
	4.8*55.47		266.26							
	Sub Total		5,688.26							
	6% AW		341.30							
	Total		6,029.55							
	Footpath Work									
	Duo Marvel									
	5th Cross Rd		2	85.00	1.20	0.15	30.60			
	6th Cross Rd		2	64.00	1.20	0.15	23.04			
	7th Cross Rd		2	62.40	1.20	0.15	22.46			
	8th Cross Rd		2	70.30	1.20	0.15	25.31			
	9th Cross Rd		2	48.20	1.20	0.15	17.35			
	10th Cross Rd		2	56.50	1.20	0.15	20.34			
	11th Cross Rd		2	59.70	1.20	0.15	21.49			
	12th Cross Rd		2	48.20	1.20	0.15	17.35			
	13th Cross Rd		2	83.40	1.20	0.15	30.02			
	5th Main Rd		2	126.60	1.20	0.15	45.58			
	4th Main Rd		2	39.50	1.20	0.15	14.22			
	3rd Main Rd		1	39.00	1.20	0.15	7.02			
	Main Rd(Double Rd)		2	253.30	1.20	0.15	91.19			
	1st A Cross Rd		2	76.70	1.20	0.15	27.61			
	1st Cross Rd		2	108.00	1.20	0.15	38.88			
	2nd Cross Rd		2	82.30	1.20	0.15	29.63			
	2nd Main Rd		2	79.40	1.20	0.15	28.58			
	Deduction of Trees		-77	1.20	1.20	0.15	-16.63			
	Deduction of Shoulder Drain		-66	0.60	1.20	0.15	-7.13			
	For Kerb Stone									
	Ambabhavani Layout									
	1st Cross Rd		2	30.00	0.20	0.10	1.20			
	2nd Cross Rd		2	25.00	0.20	0.10	1.00			
	3rd Cross Rd		2	29.70	0.20	0.10	1.19			
	4th Cross Rd		2	41.70	0.20	0.10	1.67			
	5th Cross Rd		2	40.80	0.20	0.10	1.63			
	Cross Rd-1		2	19.00	0.20	0.10	0.76			
	Cross Rd-2		2	30.40	0.20	0.10	1.22			
	Cross Rd-3		2	42.40	0.20	0.10	1.70			
	Cross Rd-4		2	67.20	0.20	0.10	2.69			
	Cross Rd-5		2	37.00	0.20	0.10	1.48			
	6th Cross Rd		2	103.10	0.20	0.10	4.12			
	12th Cross Rd		2	67.00	0.20	0.10	2.68			
	13th Cross Rd		2	66.00	0.20	0.10	2.64			
	14th Cross Rd		2	65.00	0.20	0.10	2.60			
	12th A Cross Rd		2	14.00	0.20	0.10	0.56			
	13th A Cross Rd		2	15.50	0.20	0.10	0.62			
	14th A Cross Rd		2	11.50	0.20	0.10	0.46			
	Ambabhavani Main Rd		2	108.50	0.20	0.10	4.34			

SI No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	Sai Nagara 3rd Phase									
	4th Cross Rd		2	91.50	0.20	0.10	3.66			
	Avaikya Layout									
	Cross Rd-1		2	148.00	0.20	0.10	5.92			
	Cross Rd-2		2	173.30	0.20	0.10	6.93			
	Cross Rd-3		2	153.00	0.20	0.10	6.12			
	Cross Rd-4		2	42.40	0.20	0.10	1.70			
	Cross Rd-5		2	99.00	0.20	0.10	3.96			
	Cross Rd-6		2	37.50	0.20	0.10	1.50			
	Cross Rd-7		2	31.00	0.20	0.10	1.24			
	Cross Rd-8		2	41.00	0.20	0.10	1.64			
	Cross Rd-9		2	32.00	0.20	0.10	1.28			
	Cross Rd-10		2	220.00	0.20	0.10	8.80			
	Cross Rd-11		2	100.00	0.20	0.10	4.00			
	Cross Rd-12		2	122.00	0.20	0.10	4.88			
	Cross Rd-13		2	123.00	0.20	0.10	4.92			
							556.02	Cum	6029.55	3,352,551.15
11	KSRB 5-11 Providing and constructing load bearing wall with having block density not less than 1800 kg/m ³ and having a minimum average compressive strength 5.00 N/mm ² conforming to IS 2185 (Part 1) 2005 and constructed with CM 1:4, as per IS 2572 2005 including cost of all materials labour charegs, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No 5.4 -do- solid concrete blocks of size 400x150x200 mm (Page No.27. Item no.5.27.2 of KPWD S.R Bangalore Circle (2018-19)									
	Basic rate		953.00							
	6% AW		57.18							
	Total		1,010.18							
	Shoulder Drain									
		2	33	1.50		0.40	39.60			
		2	34	1.50		0.40	40.80			
		2	10	1.50		0.40	12.00			
		2	10	1.50		0.40	12.00			
	Shoulder Drain									
		2	134	1.50		0.40	160.80			
							265.20	Sq-m	1010.18	267,899.74
12	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. (P No 27 of I.No 5.30 in PW,P&I WTD SR 2018-19)									
	A Basic rate		408.00							
	B Area Weightage 6%		24.48							
	Total		432.48							
	For Kerb Stone									
	Ambhabhavani Layout									
	1st Cross Rd		2	30.00	--	/0.45	133.00			
	2nd Cross Rd		2	25.00	--	/0.45	111.00			
	3rd Cross Rd		2	29.70	--	/0.45	132.00			
	4th Cross Rd		2	41.70	--	/0.45	185.00			
	5th Cross Rd		2	40.80	--	/0.45	181.00			
	Cross Rd-1		2	19.00	--	/0.45	84.00			
	Cross Rd-2		2	30.40	--	/0.45	135.00			
	Cross Rd-3		2	42.40	--	/0.45	188.00			
	Cross Rd-4		2	67.20	--	/0.45	299.00			
	Cross Rd-5		2	37.00	--	/0.45	164.00			
	6th Cross Rd		2	103.10	--	/0.45	458.00			
	12th Cross Rd		2	67.00	--	/0.45	298.00			
	13th Cross Rd		2	66.00	--	/0.45	293.00			

SI No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	14th Cross Rd		2	65.00	--	/0.45	289.00			
	12th A Cross Rd		2	14.00	--	/0.45	62.00			
	13th A Cross Rd		2	15.50	--	/0.45	69.00			
	14th A Cross Rd		2	11.50	--	/0.45	51.00			
	Ambabhavani Main Rd		2	108.50	--	/0.45	482.00			
	Sai Nagara 3rd Phase									
	4th Cross Rd		2	91.50	--	/0.45	407.00			
	AMS Layout									
	3rd Main Road	RHS	1	500.00	--	/0.45	1,111.00			
		LHS	1	505.00	--	/0.45	1,122.00			
	1st A Cross Road	RHS	1	155.00	--	/0.45	344.00			
		LHS	1	150.00	--	/0.45	333.00			
	Avaiya Layout									
	Cross Rd-1		2	148.00	--	/0.45	658.00			
	Cross Rd-2		2	173.30	--	/0.45	770.00			
	Cross Rd-3		2	153.00	--	/0.45	680.00			
	Cross Rd-4		2	42.40	--	/0.45	188.00			
	Cross Rd-5		2	99.00	--	/0.45	440.00			
	Cross Rd-6		2	37.50	--	/0.45	167.00			
	Cross Rd-7		2	31.00	--	/0.45	138.00			
	Cross Rd-8		2	41.00	--	/0.45	182.00			
	Cross Rd-9		2	32.00	--	/0.45	142.00			
	Cross Rd-10		2	244.00	--	/0.45	1,084.00			
	Cross Rd-11		2	100.00	--	/0.45	444.00			
	Cross Rd-12		2	122.00	--	/0.45	542.00			
	Cross Rd-13		2	123.00	--	/0.45	547.00			
	High Tension Wire Road From Yelahanka Main Road to Hesaragatta Main Road		2	1,000.00	--	/0.45	4,444.00			
							17,358.00	Nos	432.48	7,506,987.84
13	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.									
	MORTH Chapter 8 (Page No. 180. Item no 24.1 of KPWD S.R Bangalore Circle 2018-2019)									
	A Basic rate	80.00								
	B Area Weightage 6%	4.80								
	Total	84.80								
	For Kerb Stone									
	Ambabhavani Layout									
	1st Cross Rd		2	30.00		0.35	21.00			
	2nd Cross Rd		2	25.00		0.35	17.50			
	3rd Cross Rd		2	29.70		0.35	20.79			
	4th Cross Rd		2	41.70		0.35	29.19			
	5th Cross Rd		2	40.80		0.35	28.56			
	Cross Rd-1		2	19.00		0.35	13.30			
	Cross Rd-2		2	30.40		0.35	21.28			
	Cross Rd-3		2	42.40		0.35	29.68			
	Cross Rd-4		2	67.20		0.35	47.04			
	Cross Rd-5		2	37.00		0.35	25.90			
	6th Cross Rd		2	103.10		0.35	72.17			
	12th Cross Rd		2	67.00		0.35	46.90			
	13th Cross Rd		2	66.00		0.35	46.20			
	14th Cross Rd		2	65.00		0.35	45.50			
	12th A Cross Rd		2	14.00		0.35	9.80			
	13th A Cross Rd		2	15.50		0.35	10.85			
	14th A Cross Rd		2	11.50		0.35	8.05			

SI No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	Ambabhavani Main Rd		2	108.50		0.35	75.95			
	Sai Nagara 3rd Phase									
	4th Cross Rd		2	91.50		0.35	64.05			
	AMS Layout									
	3rd Main Road	RHS	1	500.00		0.35	175.00			
		LHS	1	505.00		0.35	176.75			
	1st A Cross Road	RHS	1	155.00		0.35	54.25			
		LHS	1	150.00		0.35	52.50			
	Avalkya Layout									
	Cross Rd-1		2	148.00		0.35	103.60			
	Cross Rd-2		2	173.30		0.35	121.31			
	Cross Rd-3		2	153.00		0.35	107.10			
	Cross Rd-4		2	42.40		0.35	29.68			
	Cross Rd-5		2	99.00		0.35	69.30			
	Cross Rd-6		2	37.50		0.35	26.25			
	Cross Rd-7		2	31.00		0.35	21.70			
	Cross Rd-8		2	41.00		0.35	28.70			
	Cross Rd-9		2	32.00		0.35	22.40			
	Cross Rd-10		2	244.00		0.35	170.80			
	Cross Rd-11		2	100.00		0.35	70.00			
	Cross Rd-12		2	122.00		0.35	85.40			
	Cross Rd-13		2	123.00		0.35	86.10			
	High Tension Wire Road From Yelahanka Main Road to Hesaragatta Main Road		2	1,000.00		0.35	700.00			
							2,734.20	Sq-m	84.80	231,860.16
	Road Works									
14	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specification MORTH Specification No.301 Loading and unloading with 10km lead= (I No-19 14,P No-143)									
	Basic rate	41.00								
	6% AW	2.46								
	8Km lead=(2*1.28*8)	20.48								
	Total	63.94								
		Cum								
	New Asphalt Road									
	Ambabhavani Layout									
	1st Cross Rd		1	29.70	6.00	0.30	53.46			
	2nd Cross Rd		1	28.00	6.00	0.30	50.40			
	3rd Cross Rd		1	29.40	6.00	0.30	52.92			
	4th Cross Rd		1	41.70	6.00	0.30	75.06			
	5th Cross Rd		1	40.70	6.00	0.30	73.26			
	Cross Rd-1		1	31.00	6.50	0.30	60.45			
	Cross Rd-2		1	62.00	6.50	0.30	120.90			
	Cross Rd-3		1	18.60	6.50	0.30	36.27			
	Cross Rd-4		1	95.60	6.50	0.30	186.42			
	Cross Rd-5		1	40.30	6.50	0.30	78.59			
	6th Cross Rd		1	114.60	6.50	0.30	223.47			
	Main Rd		1	139.50	10.00	0.30	418.50			
	7th Cross Road		1	35.00	6.00	0.30	63.00			
	8th Cross Road		1	35.00	6.00	0.30	63.00			
	9th Cross Road		1	30.00	6.50	0.30	58.50			
	10th Cross Road		1	30.00	6.50	0.30	58.50			
	11th Cross Road		1	30.00	6.50	0.30	58.50			
	13th A Cross Road		1	65.00	6.50	0.30	126.75			

SI No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	Main Road -W0300		1	180.00	6.20	0.30	334.80			
	Cross oad-1		1	60.00	6.00	0.30	108.00			
	Cross oad-2		1	50.00	6.00	0.30	90.00			
	Cross oad-3		1	21.00	5.85	0.30	36.86			
	SLN Enclave									
	13th Cross Road -W0450		1	40.00	7.00	0.30	84.00			
	14th Cross Road -W0454		1	40.00	7.00	0.30	84.00			
	15th Cross Road -W0456		1	35.00	7.00	0.30	73.50			
	Sai Nagara 2nd Phase									
	10th Cross Rd		1	105.00	7.00	0.30	220.50			
	11th Cross Rd		1	105.00	7.00	0.30	220.50			
	Cross Road		1	100.00	7.00	0.30	210.00			
	Avaikya Layout									
	Main Road		1	375.00	7.00	0.30	787.50			
	1st Cross Road		1	125.00	7.00	0.30	262.50			
	2nd Cross Road		1	125.00	7.00	0.30	262.50			
	3rd Cross Road		1	135.00	7.00	0.30	283.50			
	4th Cross Road		1	140.00	7.00	0.30	294.00			
	5th Cross Road		1	50.00	7.00	0.30	105.00			
	6th Cross Road		1	50.00	7.00	0.30	105.00			
	7th Cross Road		1	50.00	7.00	0.30	105.00			
	8th Cross Road		1	45.00	7.00	0.30	94.50			
	9th Cross Road		1	46.00	7.00	0.30	96.60			
	Cross Road		1	37.00	7.00	0.30	77.70			
							5,793.90	Cum	63.94	370,461.97
15	KSRRB 300-58 Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occurring during rolling including cost of all labour, HOM of machinery complete as per specifications MORTH / Chapter 3 (I No-19.64, P No-147)									
	Basic rate		6.00							
	Area Weightage 6%		0.36							
	Total		6.36							
			Sqm							
	New Asphalt Road									
	Ambhabhavani Layout									
	1st Cross Rd		1	29.70	6.00		178.20			
	2nd Cross Rd		1	28.00	6.00		168.00			
	3rd Cross Rd		1	29.40	6.00		176.40			
	4th Cross Rd		1	41.70	6.00		250.20			
	5th Cross Rd		1	40.70	6.00		244.20			
	Cross Rd-1		1	31.00	6.50		201.50			
	Cross Rd-2		1	62.00	6.50		403.00			
	Cross Rd-3		1	18.60	6.50		120.90			
	Cross Rd-4		1	95.60	6.50		621.40			
	Cross Rd-5		1	40.30	6.50		261.95			
	6th Cross Rd		1	114.60	6.50		744.90			
	Main Rd		1	139.50	10.00		1,395.00			
	7th Cross Road		1	35.00	6.00		210.00			
	8th Cross Road		1	35.00	6.00		210.00			
	9th Cross Road		1	30.00	6.50		195.00			
	10th Cross Road		1	30.00	6.50		195.00			
	11th Cross Road		1	30.00	6.50		195.00			
	13th A Cross Road		1	65.00	6.50		422.50			
	Main Road -W0300		1	180.00	6.20		1,116.00			
	Cross oad-1		1	60.00	6.00		360.00			
	Cross oad-2		1	50.00	6.00		300.00			
	Cross oad-3		1	21.00	5.85		122.85			
	SLN Enclave									
	13th Cross Road -W0450		1	40.00	7.00		280.00			
	14th Cross Road -W0454		1	40.00	7.00		280.00			
	15th Cross Road -W0456		1	35.00	7.00		245.00			

SI No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	Sai Nagara 2nd Phase									
	10th Cross Rd		1	105.00	7.00		735.00			
	11th Cross Rd		1	105.00	7.00		735.00			
	Cross Road		1	100.00	7.00		700.00			
	Avaikya Layout									
	Main Road		1	375.00	7.00		2,625.00			
	1st Cross Road		1	125.00	7.00		875.00			
	2nd Cross Road		1	125.00	7.00		875.00			
	3rd Cross Road		1	135.00	7.00		945.00			
	4th Cross Road		1	140.00	7.00		980.00			
	5th Cross Road		1	50.00	7.00		350.00			
	6th Cross Road		1	50.00	7.00		350.00			
	7th Cross Road		1	50.00	7.00		350.00			
	8th Cross Road		1	45.00	7.00		315.00			
	9th Cross Road		1	46.00	7.00		322.00			
	Cross Road		1	37.00	7.00		259.00			
							19,313.00	Sq-m	6.36	122,830.68
16	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC. Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision (I No-20 5,P No-153)									
	Basic rate		1882.00							
	6% AW		112.92							
	Sub Total		1994.92							
	New Asphalt Road									
	Ambhabhavani Layout									
	1st Cross Rd		1	29.70	6.00	0.15	26.73			
	2nd Cross Rd		1	28.00	6.00	0.15	25.20			
	3rd Cross Rd		1	29.40	6.00	0.15	26.46			
	4th Cross Rd		1	41.70	6.00	0.15	37.53			
	5th Cross Rd		1	40.70	6.00	0.15	36.63			
	Cross Rd-1		1	31.00	6.50	0.15	30.23			
	Cross Rd-2		1	62.00	6.50	0.15	60.45			
	Cross Rd-3		1	18.60	6.50	0.15	18.14			
	Cross Rd-4		1	95.60	6.50	0.15	93.21			
	Cross Rd-5		1	40.30	6.50	0.15	39.29			
	6th Cross Rd		1	114.60	6.50	0.15	111.74			
	Main Rd		1	139.50	10.00	0.15	209.25			
	7th Cross Road		1	35.00	6.00	0.15	31.50			
	8th Cross Road		1	35.00	6.00	0.15	31.50			
	9th Cross Road		1	30.00	6.50	0.15	29.25			
	10th Cross Road		1	30.00	6.50	0.15	29.25			
	11th Cross Road		1	30.00	6.50	0.15	29.25			
	13th A Cross Road		1	65.00	6.50	0.15	63.38			
	Main Road -W0300		1	180.00	6.20	0.15	167.40			
	Cross oad-1		1	60.00	6.00	0.15	54.00			
	Cross oad-2		1	50.00	6.00	0.15	45.00			
	Cross oad-3		1	21.00	5.85	0.15	18.43			
	SLN Enclave									
	13th Cross Road -W0450		1	40.00	7.00	0.15	42.00			
	14th Cross Road -W0454		1	40.00	7.00	0.15	42.00			
	15th Cross Road -W0456		1	35.00	7.00	0.15	36.75			
	Sai Nagara 2nd Phase									
	10th Cross Rd		1	105.00	7.00	0.15	110.25			
	11th Cross Rd		1	105.00	7.00	0.15	110.25			
	Cross Road		1	100.00	7.00	0.15	105.00			
	Avaikya Layout									
	Main Road		1	375.00	7.00	0.15	393.75			
	1st Cross Road		1	125.00	7.00	0.15	131.25			

Sl No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	2nd Cross Road		1	125.00	7.00	0.15	131.25			
	3rd Cross Road		1	135.00	7.00	0.15	141.75			
	4th Cross Road		1	140.00	7.00	0.15	147.00			
	5th Cross Road		1	50.00	7.00	0.15	52.50			
	6th Cross Road		1	50.00	7.00	0.15	52.50			
	7th Cross Road		1	50.00	7.00	0.15	52.50			
	8th Cross Road		1	45.00	7.00	0.15	47.25			
	9th Cross Road		1	46.00	7.00	0.15	48.30			
	Cross Road		1	37.00	7.00	0.15	38.85			
							2,896.95	Cum	1994.92	5,779,183.49
17	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P No-155,I No-20.18)									
	Basic rate		1888.00							
	6% AW		113.28							
	Sub Total		2001.28							
	New Asphalt Road									
	Ambhabhavani Layout									
	1st Cross Rd		1	29.70	6.00	0.20	35.64			
	2nd Cross Rd		1	28.00	6.00	0.20	33.60			
	3rd Cross Rd		1	29.40	6.00	0.20	35.28			
	4th Cross Rd		1	41.70	6.00	0.20	50.04			
	5th Cross Rd		1	40.70	6.00	0.20	48.84			
	Cross Rd-1		1	31.00	6.50	0.20	40.30			
	Cross Rd-2		1	62.00	6.50	0.20	80.60			
	Cross Rd-3		1	18.60	6.50	0.20	24.18			
	Cross Rd-4		1	95.60	6.50	0.20	124.28			
	Cross Rd-5		1	40.30	6.50	0.20	52.39			
	6th Cross Rd		1	114.60	6.50	0.20	148.98			
	Main Rd		1	139.50	10.00	0.20	279.00			
	7th Cross Road		1	35.00	6.00	0.20	42.00			
	8th Cross Road		1	35.00	6.00	0.20	42.00			
	9th Cross Road		1	30.00	6.50	0.20	39.00			
	10th Cross Road		1	30.00	6.50	0.20	39.00			
	11th Cross Road		1	30.00	6.50	0.20	39.00			
	13th A Cross Road		1	65.00	6.50	0.20	84.50			
	Main Road -W0300		1	180.00	6.20	0.20	223.20			
	Cross oad-1		1	60.00	6.00	0.20	72.00			
	Cross oad-2		1	50.00	6.00	0.20	60.00			
	Cross oad-3		1	21.00	5.85	0.20	24.57			
	SLN Enclave									
	13th Cross Road -W0450		1	40.00	7.00	0.20	56.00			
	14th Cross Road -W0454		1	40.00	7.00	0.20	56.00			
	15th Cross Road -W0456		1	35.00	7.00	0.20	49.00			
	Sai Nagara 2nd Phase									
	10th Cross Rd		1	105.00	7.00	0.20	147.00			
	11th Cross Rd		1	105.00	7.00	0.20	147.00			
	Cross Road		1	100.00	7.00	0.20	140.00			
	Avalkya Layout									
	Main Road		1	375.00	7.00	0.20	525.00			
	1st Cross Road		1	125.00	7.00	0.20	175.00			
	2nd Cross Road		1	125.00	7.00	0.20	175.00			
	3rd Cross Road		1	135.00	7.00	0.20	189.00			
	4th Cross Road		1	140.00	7.00	0.20	196.00			
	5th Cross Road		1	50.00	7.00	0.20	70.00			
	6th Cross Road		1	50.00	7.00	0.20	70.00			
	7th Cross Road		1	50.00	7.00	0.20	70.00			
	8th Cross Road		1	45.00	7.00	0.20	63.00			

Page

SI No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	9th Cross Road		1	46.00	7.00	0.20	64.40			
	Cross Road		1	37.00	7.00	0.20	51.80			
							3,862.60	Cum	2001.28	7,730,144.13
18	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No. 158, I No 21 6 of PW,P&I WTD SR 2018-19)									
	Basic rate (Issue Rate)	32.00								
	6% AW	1.92								
	Sub Total	33.92								
	New Asphalt Road									
	Ambhabhavani Layout									
	1st Cross Rd		1	29.70	6.00		178.20			
	2nd Cross Rd		1	28.00	6.00		168.00			
	3rd Cross Rd		1	29.40	6.00		176.40			
	4th Cross Rd		1	41.70	6.00		250.20			
	5th Cross Rd		1	40.70	6.00		244.20			
	Cross Rd-1		1	31.00	6.50		201.50			
	Cross Rd-2		1	62.00	6.50		403.00			
	Cross Rd-3		1	18.60	6.50		120.90			
	Cross Rd-4		1	95.60	6.50		621.40			
	Cross Rd-5		1	40.30	6.50		261.95			
	6th Cross Rd		1	114.60	6.50		744.90			
	Main Rd		1	139.50	10.00		1,395.00			
	7th Cross Road		1	35.00	6.00		210.00			
	8th Cross Road		1	35.00	6.00		210.00			
	9th Cross Road		1	30.00	6.50		195.00			
	10th Cross Road		1	30.00	6.50		195.00			
	11th Cross Road		1	30.00	6.50		195.00			
	13th A Cross Road		1	65.00	6.50		422.50			
	Main Road -W0300		1	180.00	6.20		1,116.00			
	Cross oad-1		1	60.00	6.00		360.00			
	Cross oad-2		1	50.00	6.00		300.00			
	Cross oad-3		1	21.00	5.85		122.85			
	SLN Enclave									
	13th Cross Road -W0450		1	40.00	7.00		280.00			
	14th Cross Road -W0454		1	40.00	7.00		280.00			
	15th Cross Road -W0456		1	35.00	7.00		245.00			
	Sai Nagara 2nd Phase									
	10th Cross Rd		1	105.00	7.00		735.00			
	11th Cross Rd		1	105.00	7.00		735.00			
	Cross Road		1	100.00	7.00		700.00			
	Avalkya Layout									
	Main Road		1	375.00	7.00		2,625.00			
	1st Cross Road		1	125.00	7.00		875.00			
	2nd Cross Road		1	125.00	7.00		875.00			
	3rd Cross Road		1	135.00	7.00		945.00			
	4th Cross Road		1	140.00	7.00		980.00			
	5th Cross Road		1	50.00	7.00		350.00			
	6th Cross Road		1	50.00	7.00		350.00			
	7th Cross Road		1	50.00	7.00		350.00			
	8th Cross Road		1	45.00	7.00		315.00			
	9th Cross Road		1	46.00	7.00		322.00			
	Cross Road		1	37.00	7.00		259.00			
							19,313.00	Sqm	33.92	655,096.96
19	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications MORTH / Chapter 5 (P.No.158 I.No 21.7 of PW,P&I WTD SR of 2018-19)									

SI No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	Basic rate (Issue Rate)	12 00								
	Area Weightage 6%	0.72								
	Final Rate	12.72								
	Tack Coat For DBM									
	New Asphalt Road									
	Ambhabhavani Layout									
	1st Cross Rd		1	29.70	6.00		178.20			
	2nd Cross Rd		1	28.00	6.00		168.00			
	3rd Cross Rd		1	29.40	6.00		176.40			
	4th Cross Rd		1	41.70	6.00		250.20			
	5th Cross Rd		1	40.70	6.00		244.20			
	Cross Rd-1		1	31.00	6.50		201.50			
	Cross Rd-2		1	62.00	6.50		403.00			
	Cross Rd-3		1	18.60	6.50		120.90			
	Cross Rd-4		1	95.60	6.50		621.40			
	Cross Rd-5		1	40.30	6.50		261.95			
	6th Cross Rd		1	114.60	6.50		744.90			
	Main Rd		1	139.50	10.00		1,395.00			
	7th Cross Road		1	35.00	6.00		210.00			
	8th Cross Road		1	35.00	6.00		210.00			
	9th Cross Road		1	30.00	6.50		195.00			
	10th Cross Road		1	30.00	6.50		195.00			
	11th Cross Road		1	30.00	6.50		195.00			
	13th A Cross Road		1	65.00	6.50		422.50			
	Main Road -W0300		1	180.00	6.20		1,116.00			
	Cross oad-1		1	60.00	6.00		360.00			
	Cross oad-2		1	50.00	6.00		300.00			
	Cross oad-3		1	21.00	5.85		122.85			
	SLN Enclave									
	13th Cross Road -W0450		1	40.00	7.00		280.00			
	14th Cross Road -W0454		1	40.00	7.00		280.00			
	15th Cross Road -W0456		1	35.00	7.00		245.00			
	Sai Nagara 2nd Phase									
	10th Cross Rd		1	105.00	7.00		735.00			
	11th Cross Rd		1	105.00	7.00		735.00			
	Cross Road		1	100.00	7.00		700.00			
	Avaikya Layout									
	Main Road		1	375.00	7.00		2,625.00			
	1st Cross Road		1	125.00	7.00		875.00			
	2nd Cross Road		1	125.00	7.00		875.00			
	3rd Cross Road		1	135.00	7.00		945.00			
	4th Cross Road		1	140.00	7.00		980.00			
	5th Cross Road		1	50.00	7.00		350.00			
	6th Cross Road		1	50.00	7.00		350.00			
	7th Cross Road		1	50.00	7.00		350.00			
	8th Cross Road		1	45.00	7.00		315.00			
	9th Cross Road		1	46.00	7.00		322.00			
	Cross Road		1	37.00	7.00		259.00			
	Tack Coat For BC									
	New Asphalt Road									
	Ambhabhavani Layout									
	1st Cross Rd		1	29.70	6.00		178.20			
	2nd Cross Rd		1	28.00	6.00		168.00			
	3rd Cross Rd		1	29.40	6.00		176.40			
	4th Cross Rd		1	41.70	6.00		250.20			
	5th Cross Rd		1	40.70	6.00		244.20			
	Cross Rd-1		1	31.00	6.50		201.50			
	Cross Rd-2		1	62.00	6.50		403.00			
	Cross Rd-3		1	18.60	6.50		120.90			

SI No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	Cross Rd-4		1	95.60	6.50		621.40			
	Cross Rd-5		1	40.30	6.50		261.95			
	6th Cross Rd		1	114.60	6.50		744.90			
	Main Rd		1	139.50	10.00		1,395.00			
	7th Cross Road		1	35.00	6.00		210.00			
	8th Cross Road		1	35.00	6.00		210.00			
	9th Cross Road		1	30.00	6.50		195.00			
	10th Cross Road		1	30.00	6.50		195.00			
	11th Cross Road		1	30.00	6.50		195.00			
	13th A Cross Road		1	65.00	6.50		422.50			
	Main Road -W0300		1	180.00	6.20		1,116.00			
	Cross oad-1		1	60.00	6.00		360.00			
	Cross oad-2		1	50.00	6.00		300.00			
	Cross oad-3		1	21.00	5.85		122.85			
	SLN Enclave									
	13th Cross Road -W0450		1	40.00	7.00		280.00			
	14th Cross Road -W0454		1	40.00	7.00		280.00			
	15th Cross Road -W0456		1	35.00	7.00		245.00			
	Sai Nagara 2nd Phase									
	10th Cross Rd		1	105.00	7.00		735.00			
	11th Cross Rd		1	105.00	7.00		735.00			
	Cross Road		1	100.00	7.00		700.00			
	Avaikya Layout									
	Main Road		1	375.00	7.00		2,625.00			
	1st Cross Road		1	125.00	7.00		875.00			
	2nd Cross Road		1	125.00	7.00		875.00			
	3rd Cross Road		1	135.00	7.00		945.00			
	4th Cross Road		1	140.00	7.00		980.00			
	5th Cross Road		1	50.00	7.00		350.00			
	6th Cross Road		1	50.00	7.00		350.00			
	7th Cross Road		1	50.00	7.00		350.00			
	8th Cross Road		1	45.00	7.00		315.00			
	9th Cross Road		1	46.00	7.00		322.00			
	Cross Road		1	37.00	7.00		259.00			
							38,626.00	Sqm	12.72	491,322.72
20	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revision using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P No-160.1 No-21 17.6)									
	Basic rate (Issue Rate)		6880.00							
	6% AW		412.80							
	Sub Total		7292.80							
	New Asphalt Road									
	Ambhabhavani Layout									
	1st Cross Rd		1	29.70	6.00	0.05	8.91			
	2nd Cross Rd		1	28.00	6.00	0.05	8.40			
	3rd Cross Rd		1	29.40	6.00	0.05	8.82			
	4th Cross Rd		1	41.70	6.00	0.05	12.51			
	5th Cross Rd		1	40.70	6.00	0.05	12.21			
	6th Cross Rd		1	31.00	6.50	0.05	10.08			
	Cross Rd-1		1	62.00	6.50	0.05	20.15			
	Cross Rd-2		1	18.60	6.50	0.05	6.05			
	Cross Rd-3		1	95.60	6.50	0.05	31.07			
	Cross Rd-4		1	40.30	6.50	0.05	13.10			
	Cross Rd-5		1	114.60	6.50	0.05	37.25			
	6th Cross Rd		1	139.50	10.00	0.05	69.75			
	Main Rd		1	35.00	6.00	0.05	10.50			
	7th Cross Road		1	35.00	6.00	0.05	10.50			
	8th Cross Road		1							

Sl No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	9th Cross Road		1	30.00	6.50	0.05	9.75			
	10th Cross Road		1	30.00	6.50	0.05	9.75			
	11th Cross Road		1	30.00	6.50	0.05	9.75			
	13th A Cross Road		1	65.00	6.50	0.05	21.13			
	Main Road -W0300		1	180.00	6.20	0.05	55.80			
	Cross oad-1		1	60.00	6.00	0.05	18.00			
	Cross oad-2		1	50.00	6.00	0.05	15.00			
	Cross oad-3		1	21.00	5.85	0.05	6.14			
	SLN Enclave									
	13th Cross Road -W0450		1	40.00	7.00	0.05	14.00			
	14th Cross Road -W0454		1	40.00	7.00	0.05	14.00			
	15th Cross Road -W0456		1	35.00	7.00	0.05	12.25			
	Sai Nagara 2nd Phase									
	10th Cross Rd		1	105.00	7.00	0.05	36.75			
	11th Cross Rd		1	105.00	7.00	0.05	36.75			
	Cross Road		1	100.00	7.00	0.05	35.00			
	Avaikya Layout									
	Main Road		1	375.00	7.00	0.05	131.25			
	1st Cross Road		1	125.00	7.00	0.05	43.75			
	2nd Cross Road		1	125.00	7.00	0.05	43.75			
	3rd Cross Road		1	135.00	7.00	0.05	47.25			
	4th Cross Road		1	140.00	7.00	0.05	49.00			
	5th Cross Road		1	50.00	7.00	0.05	17.50			
	6th Cross Road		1	50.00	7.00	0.05	17.50			
	7th Cross Road		1	50.00	7.00	0.05	17.50			
	8th Cross Road		1	45.00	7.00	0.05	15.75			
	9th Cross Road		1	46.00	7.00	0.05	16.10			
	Cross Road		1	37.00	7.00	0.05	12.95			
							965.65	Cum	7292.80	7,042,292.32
21	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen (P No. 162, I No 21 22 6)									
	Basic rate (Issue Rate)		7972.00							
	6% AW		478.32							
	Sub Total		8450.32							
	For Laying BC									
	New Asphalt Road									
	Ambhabhavani Layout									
	1st Cross Rd		1	29.70	6.00	0.04	7.13			
	2nd Cross Rd		1	28.00	6.00	0.04	6.72			
	3rd Cross Rd		1	29.40	6.00	0.04	7.06			
	4th Cross Rd		1	41.70	6.00	0.04	10.01			
	5th Cross Rd		1	40.70	6.00	0.04	9.77			
	Cross Rd-1		1	31.00	6.50	0.04	8.06			
	Cross Rd-2		1	62.00	6.50	0.04	16.12			
	Cross Rd-3		1	18.60	6.50	0.04	4.84			
	Cross Rd-4		1	95.60	6.50	0.04	24.86			
	Cross Rd-5		1	40.30	6.50	0.04	10.48			
	6th Cross Rd		1	114.60	6.50	0.04	29.80			
	Main Rd		1	139.50	10.00	0.04	55.80			
	7th Cross Road		1	35.00	6.00	0.04	8.40			
	8th Cross Road		1	35.00	6.00	0.04	8.40			
	9th Cross Road		1	30.00	6.50	0.04	7.80			
	10th Cross Road		1	30.00	6.50	0.04	7.80			

Sl No	Description of Items	Side	No	Length m	Width m	Depth m	Quantity	Unit	Rate	Amount
	13th A Cross Road		2.50	65.00	0.10		16.25			
	Main Road - W0300		2.50	160.00	0.10		40.00			
	Cross Road 1		2.50	60.00	0.10		15.00			
	Cross Road 2		2.00	50.00	0.10		10.00			
	Cross Road 3		2.00	21.00	0.10		4.20			
	SLN Enclave									
	13th Cross Road - W0450		2.50	40.00	0.10		10.00			
	14th Cross Road - W0454		2.00	40.00	0.10		8.00			
	15th Cross Road - W0456		2.00	35.00	0.10		7.00			
	Sai Nagar Phase -02									
	10th Cross Road		2.50	105.00	0.10		26.25			
	11th Cross Road		2.50	105.00	0.10		26.25			
	Cross Road		2.50	100.00	0.10		25.00			
	Avikya Layout 2nd Stage									
	Main Road		2.50	375.00	0.10		93.75			
	1st Cross Road		2.50	125.00	0.10		31.25			
	2nd Cross Road		2.50	125.00	0.10		31.25			
	3rd Cross Road		2.50	135.00	0.10		33.75			
	4th Cross Road		2.50	140.00	0.10		35.00			
	5th Cross Road		2.50	50.00	0.10		12.50			
	6th Cross Road		2.50	50.00	0.10		12.50			
	7th Cross Road		2.50	50.00	0.10		12.50			
	8th Cross Road		2.50	45.00	0.10		11.25			
	9th Cross Road		2.50	46.00	0.10		11.50			
	Cross Road		2.50	37.00	0.10		9.25			
							677.70	Sqm	454.74	3,08,177.30
							Total Construction Cost			8,74,89,318.52
22							12% GST to Construction Cost			1,04,98,718.22
23							Cost towards Preparation of DPR 1%			10,00,000.00
24							Cost towards PMC / Third Party Inspection 1%			10,00,000.00
							Sub Total			9,99,88,038.74
25							Miscellaneous and rounding off			11,963.26
							TOTAL			10,00,00,000.00

Certificate

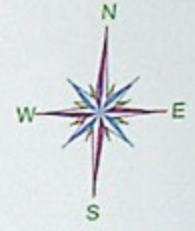
- The workspot was inspected and works is found to be necessary.
- The area comes within the Bruhat Bangalore Mahanagara Palike limits.
- The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019.and Data Rates


 Assistant Engineer,
 Yelahanka Division Ward -03
 BBMP Bangalore

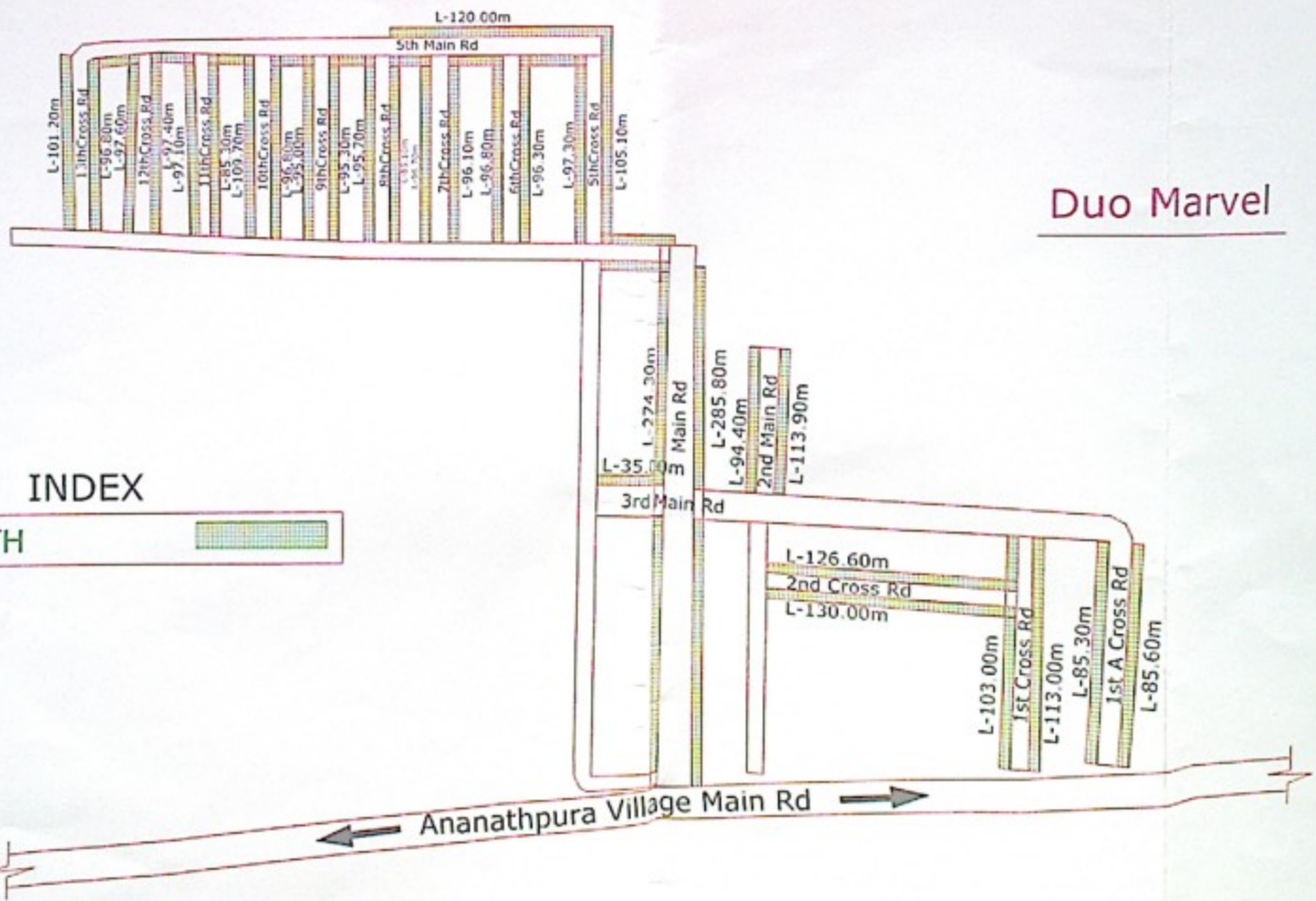

 Asst. Executive Engineer,
 Yelahanka Division Ward -03
 BBMP Bangalore


 Executive Engineer,
 Yelahanka Division Ward -03
 BBMP Bangalore

Pudupite
ATTAL OF FURNITURE



Duo Marvel



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FOOTPATH

Avaikya Layout

Sai Nagara 2nd Phase

Hessaragatta Main Rd



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WET MIX	
RCC DRAIN	
CULVERT	

DRUHAT BANGALORE MAISANAGARA PALIKE	ESS ESS BUILDERS	 Restoration and Improvements of Balance Roads of Ambhabavani layout, Ambhabavani nagara, SLN Enclave, kere Anjeenappa layout, Sai nagara Phase-2, Anugraha Layout, Avikya layout and surrounding areas in ward no-03 of Yelahanka New town Sub division(Package No-03)
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Product
A lot of floor plates

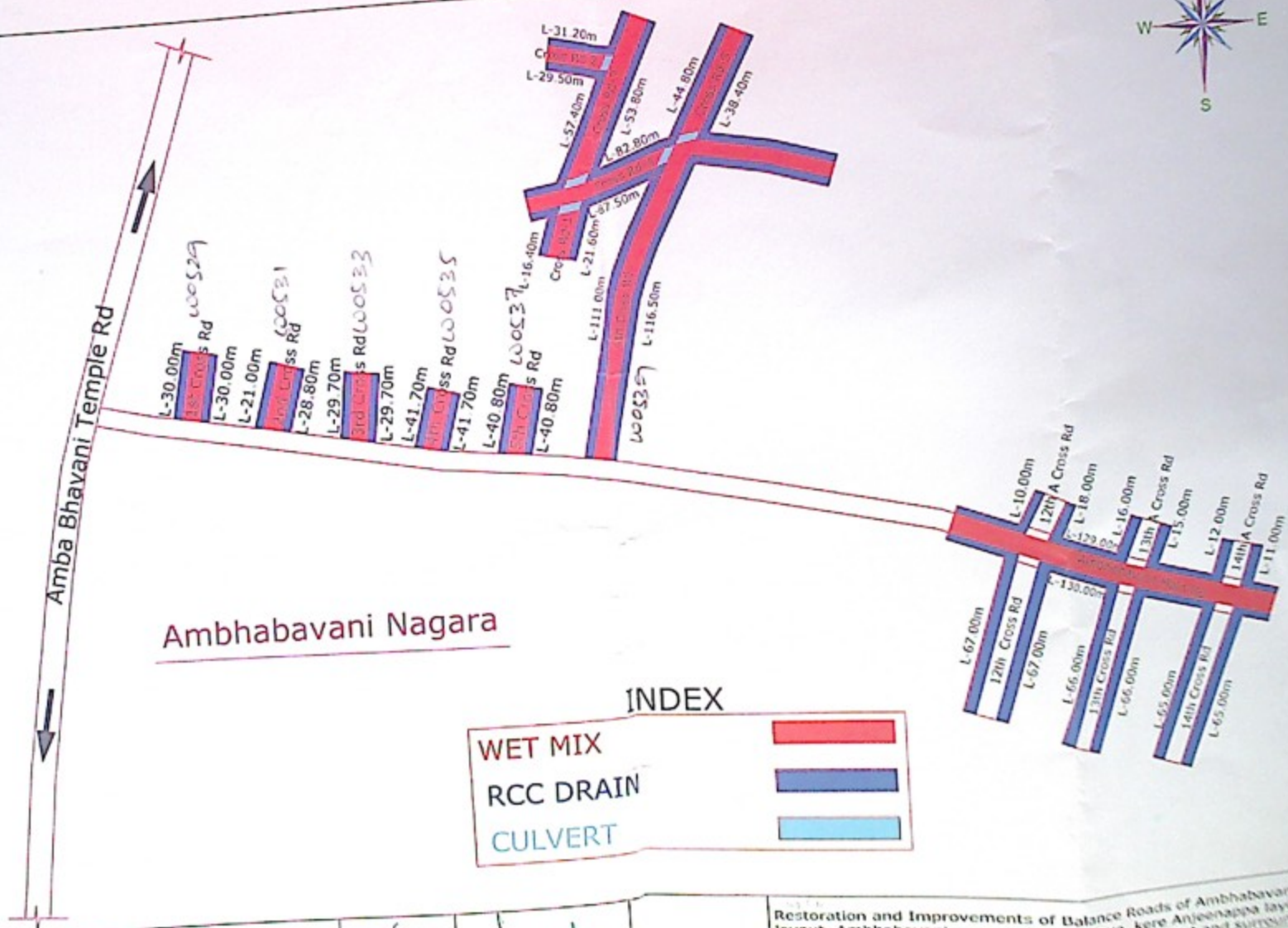


Amba Bhavani Temple Rd

Ambhabavani Nagara

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WET MIX	
RCC DRAIN	
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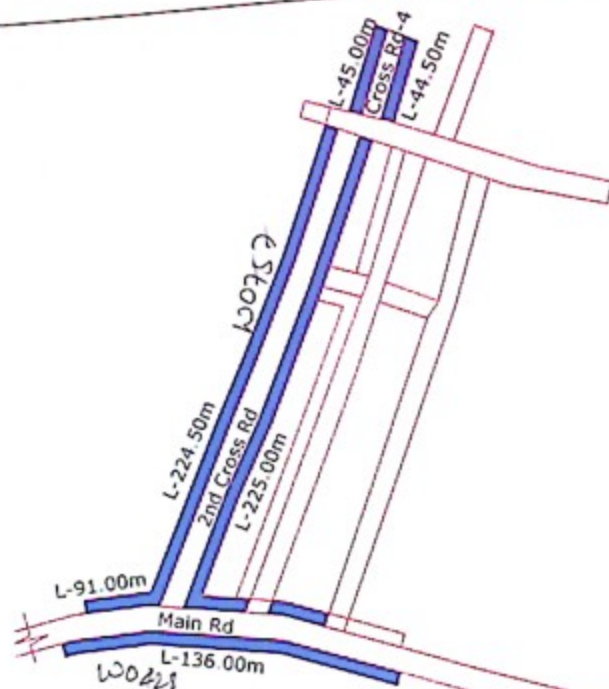
BRUHAT BANGALORE
MAHANAGARA PALIKE

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Sai nagara Phase-2, Anugraha Layout, Avikya layout and surrounding
Sub division(Package No-03)

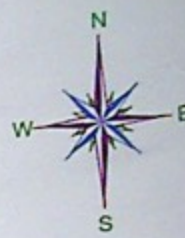
Restoration and Improvements of Balance Roads of Ambhabavani
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Muneeshwara Layout

Sai Nagara 3rd Phase

↑ Ambabhavani Temple Rd ↓



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